

Converting Colors

CIELCh(39, 44.760, 339.274)

Have a look what the booklet for
CIELCh(39, 44.760, 339.274)
contains.

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Color

CIELCh(39, 44.452, 339.538)

Conversions

Conversions Part 1

Format	Color
Hex	903E76
RGB	144, 62, 118
RGB Percent	56%, 24%, 46%
CMY	0.4357, 0.7573, 0.5377
CMYK	0.00, 0.57, 0.18, 0.44
HSL	319°, 40%, 40%
HSV	319°, 57%, 56%
XYZ	16.4632, 10.6589, 18.2975
YIQ	92.9020, 30.8960, 34.8000

Conversions

Conversions Part 2

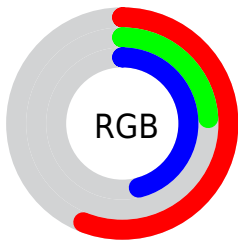
Format	Color
R_{YB}	144, 62, 118
Decimal	9453174
CIE _{Lab}	39.00, 41.65, -15.54
CIE _{LCh}	39, 44.452, 339.538
Yxy	10.6589, 0.3625, 0.2347
Android (android.graphics.Color)	4287643254 (0xFF903E76)
YUV	92.9020, 12.3733, 44.8129
Hunter-Lab	32.6480, 32.8771, -10.3753

Details

The CIELCh color $39, 44.452, 339.538$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $54, 44.176, 149.467$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 44.665, 339.679$, and $19, 44.585, 339.337$ is the 20% darker color. If you saturate the color by 10%, you get $36, 50.478, 340.624$, and if you desaturate by 10%, it is $42, 37.429, 338.574$.

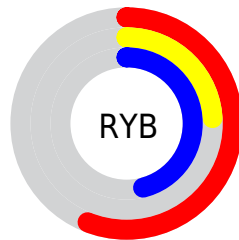
Distribution



Red (56%)

Green (24%)

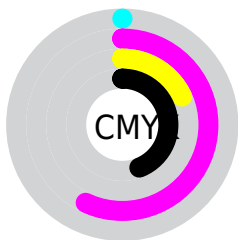
Blue (46%)



Red (56%)

Yellow (24%)

Blue (46%)

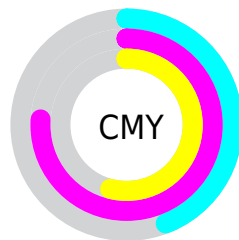


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (44%)



Cyan (44%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 44.452, 339.538 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 39, 44.452, 339.538 by changing the saturation by 10% instead.

 39, 44.452,
339.538

 39, 44.452,
339.538

 100, 44.452,
339.538

 29, 44.452,
339.538

 59, 44.452,
339.538

 19, 44.452,
339.538

 69, 44.452,
339.538

 9, 44.452, 339.538

 79, 44.452,
339.538

 0, 44.452, 339.538

 89, 44.452,
339.538

 99, 44.452,
339.538

■ 39, 44.452,
339.538

■ 39, 44.452,
339.538

■ 36, 50.478,
340.624

■ 42, 37.429,
338.574

■ 34, 55.141,
341.879

■ 45, 29.773,
337.698

■ 33, 58.141,
343.368

■ 49, 21.777,
336.889

■ 32, 59.522,
345.139

■ 53, 13.660,
336.131

■ 31, 59.870,
345.687

■ 57, 5.576, 335.400

■ 61, 2.378, 154.902

■ 65, 10.145,
154.194

■ 69, 17.693,
153.598

■ 73, 25.012,
153.043

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39, 44.452, 339.538



54, 44.176, 149.467

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39, 44.452, 339.538



39, 44.452, 29.538



39, 44.452, 159.538



39, 44.452, 209.538

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39, 44.450, 339.538



67, 16.877, 336.159



33, 51.801, 306.562



34, 11.388, 336.289



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 44.450, 339.538



47, 62.554, 340.910



38, 37.092, 12.764



28, 4.490, 335.562



29, 57.267, 345.554



1, 3.010, 334.979

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39, 44.450, 339.538



47, 62.554, 340.910



55, 28.740, 179.049



28, 4.490, 335.562



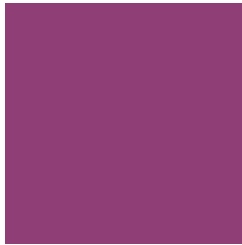
29, 57.267, 345.554



1, 3.010, 334.979

Previews

White Background



This preview shows how the CIELCh color 39, 44.452, 339.538 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 44.452, 339.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

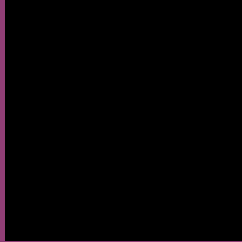
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 44.452, 339.538

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.452, 339.538.



This preview shows how white text looks on a background with the CIELCh color 39, 44.452, 339.538.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39, 44.452, 339.538

Protanopia

39, 30.137, 284.952

Deuteranopia

39, 13.468, 292.234



Tritanopia
39, 30.998, 19.158

Trichromacy



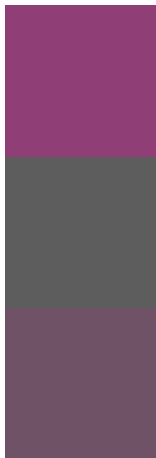
Original Color
39, 44.452, 339.538

Protanomaly
38, 32.861, 307.234

Deuteranomaly
38, 24.478, 321.828

Tritanomaly
39, 33.698, 0.621

Monochromacy



Original Color
39, 44.452, 339.538

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 17.407, 337.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.452, 339.538 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 62, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 62, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 62, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 62, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.452, 339.538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 62, 118) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 62, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 62, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 62, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 62, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 62,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.452, 339.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 62, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144, 62,  
118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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